

UNITED NATIONS DEVELOPMENT PROGRAMME



UNDP

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(BOL/78/006)
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APPROVAL OF UNDP ASSISTANCE TO A PROJECT OF THE GOVERNMENT OF BOLIVIA

Investigation of Ground Water Resources in the Central Valley of Tarija (BOL/78/006)

Report of the Administrator*

Date of present approval:	July 1978
Starting date of project activities:	July 1978
Planned completion date:	July 1980
To be executed by:	United Nations
Government implementing agency:	Development Corporation of Tarija (CODETAR)
Estimated cost of assistance planned under present approval:	\$421 600
Source of UNDP financing:	Indicative Planning Figure (IFP)

I. Background

1. Agricultural production constitutes the main economic activity in the Central Valley of Tarija. This sector is facing the following problems: (a) a highly seasonal character of the cropping pattern due to a lack of infrastructure for supplementary irrigation, which causes a temporary migration of peasants, mainly to Argentina; and (b) an accelerated process of erosion and abandonment of lands.

2. A thorough knowledge of the hydrological potential of the area is important in order to implement effectively the new integrated rural development policy of the Government directed towards vulnerable groups of the population. Simultaneously other Government projects will deal with aspects of surface water resources and land use.

* In accordance with General Assembly resolution 2688 (XXV) and subsequent authorizations of the UNDP Governing Council, reports are issued seriatim on the approval of UNDP assistance of \$250,000 or more (including, if any, assistance financed by Government of by third-party cost sharing).

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II. Objectives and activities

3. The development objective of the project is to promote, in accordance with the Government's new integrated rural development policy, the socio-economic progress of low-income rural population groups through the development of the water resources in the Central Valley of Tarija for agricultural, industrial and domestic use.
4. The immediate objectives of the project are to: determine the quantity of the water resources in the area with emphasis on dry regions; select favourable areas for the multiple use of water resources; provide selected communities with piped drinking water; and train counterpart personnel in investigation and development of water resources.
5. The project activities will be mainly concentrated on the drilling of 22 wells, totalling 2,800 metres of perforation, and including complementary activities such as geological, geophysical and chemical studies and tests, collection of hydrometeorological data, and pumping tests. Most of the wells will in the first instance be drilled for exploratory purposes but at a later stage are expected to be productively utilized.

III. Inputs

6. UNDP will provide, through the Executing Agency, the services of one hydrogeologist and short-term consultants; subcontracts for well drilling and geophysical research; and equipment.
7. The Government will provide the services of seven professionals and thirteen auxiliary personnel, office space and equipment, and operation costs for the geophysical and drilling equipment.

IV. Financial data

8. The expenditure components of the planned assistance are as follows:

\$

Personnel	120 900
Subcontracts	189 000
Equipment	99 700
Miscellaneous	12 000
	<u>421 600</u>

8. The estimated total value, expressed in US dollars, of inputs provided directly by the Government to the project is \$183,200 in kind.

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